

Applicant : Robert Charles Skerritt et al.  
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IN THE CLAIMS

Rewrite Claims 8 and 22 as follows:

8. (Amended) A residual current detection device for detecting imbalances between currents flowing to a load in one or more phase lines and from said load in a neutral line, comprising:

a plurality of resistive shunts, each connected in series with one of said phase lines and said neutral line; and

circuitry for detecting an imbalance between said currents flowing through the resistive shunts.

22. (Amended) A method of detecting current imbalance in a residual current detection device between one or more phase lines and a neutral line through which currents respectively flow to and from a load, said method comprising the steps of:

placing a resistive shunt in series with each of said phase lines and said neutral line;

measuring the current flowing through each resistive shunt; and

detecting an imbalance between the currents flowing through the resistive shunts.